

REMARKS

Claims 1-29 are pending. Applicants appreciate the Office Action indication that claim 21 contains allowable subject matter.

By this Amendment, claim 21 is rewritten in independent form, incorporating all limitations in its base claim and any intervening claims. Claims 1 and 25 are amended to recite a referring device for referring to page information corresponding to a document information, in view of the rejection over Patterson. New claims 28 and 29 are added. No new matter is added. Reconsideration of the application is respectfully requested.

The attached Appendix includes marked-up copies of each rewritten claim (37 C.F.R. §1.121(c)(1)(ii)).

The Office Action rejects claims 1, 2, 4-10, 12-15 and 23-26 under 35 U.S.C. §103(a) over U.S. Patent No. 5,793,301 to Patterson Jr. et al. This rejection is respectfully traversed.

The Office Action asserts that Patterson discloses or renders obvious the subject matter recited in claims 1 and 23-25. However, Applicants respectfully submit that Patterson does not disclose, suggest or render obvious a sending apparatus for sending document information that is divided into a plurality of pages, wherein the receiving apparatus comprises a referring device for referring to page information corresponding to the document information, as recited in claims 1 and 25.

Patterson discloses a method of providing assured communications in a two-way wireless communications system adapted for information exchange between brokers and a booth clerk for financial transactions. See col. 6, lines 42-52. A management screen 300 contains an incoming message section 306 which displays a list of the most recently received messages transmitted from the brokers. See Fig. 1, cols. 8, lines 58-63, and col. 10, lines 60-64. Therefore, the messages are listed according to the transmittal (or arrival) time at which each broker transmits his message.

Applicants respectfully submits that the transmittal time of the messages is not page information of a plurality of pages that are divided from a document. As is well known in the art, the transmittal time merely indicates the time at which message from a broker is transmitted. In contrast, the page information represents an order in which each page corresponds to the document. Thus, Patterson does not disclose or suggest a sending apparatus for sending document information that is divided into a plurality of pages, wherein the receiving apparatus comprises a referring device for referring to page information corresponding to the document information, as recited in claims 1 and 25. Accordingly, Patterson does not disclose, suggest or render obvious the subject matter recited in claims 1 and 25, and claims 2, 4-10, 12-15 and 26 depending therefrom.

Furthermore, Applicants respectfully submit that Patterson does not disclose, suggest or render obvious a sending apparatus for sending document information that is divided into a plurality of pages, and a dividing device for dividing each page of the document information into a plurality of blocks, as recited in claims 23 and 24.

Patterson discloses a memo entry form 396 with which the booth clerk can send messages to brokers. See Fig. 6 and col. 15, lines 10-21. However, Applicants respectfully submit that Patterson discloses a device that sends messages, but does not disclose a dividing device for dividing a page of a document into blocks. There is nothing in Patterson that discloses or suggests dividing a page into blocks. Thus, Patterson does not disclose, suggest or render obvious a sending apparatus for sending document information that is divided into a plurality of pages, and a dividing device for dividing each page of the document information into a plurality of blocks, as recited in claims 23 and 24.

The Office Action asserts that Patterson discloses dividing each page of the document into a plurality of blocks at Figs. 1, 2, 4, 7, 9, 13, 14-18; Abstract; col. 7, line 58 - col. 9, line 5; col. 10, line 60 - col. 11, line 60; col. 12, line 62; col. 15, line 30 - col. 16, line 10 and

col. 27, lines 15-61. However, Applicants respectfully submit that these figures and texts disclose how the receipt of a message between a broker and the booth clerk is ensured. For example, Fig. 1 and the text at cols. 8, lines 58-63 and col. 10, lines 60-64 disclose how messages from different brokers are listed in the incoming message section 306 at the booth clerk. Applicants respectfully submit that the description of these figures and texts is irrelevant to dividing a page of document into a plurality of blocks. Thus, the Office Action assertion that Patterson discloses dividing each page of the document into a plurality of blocks is not supported in Patterson.

Applicants respectfully request that the Examiner identify the specific portion in Patterson that discloses dividing each page of the document into a plurality of blocks. The Examiner is required to identify specifically where teaching is found to establish prima facie case of anticipation, so that Applicants can recognize and seek to counter the grounds for rejection. See Chester v. Miller, 15 USPQ2d 1333, 1337 (Fed. Cir. 1990).

For at least the above reasons, Patterson does not disclose, suggest or render obvious the subject matter recited in claims 23 and 24. Withdrawal of the rejection of claims 1, 2, 4-10, 12-15 and 23-26 under 35 U.S.C. §103(a) is respectfully requested.

The Office Action rejects claims 3 and 10 under 35 U.S.C. §103(a) over Patterson in view of U.S. Patent No. 5,274,794 to Ewing et al. This rejection is respectfully traversed.

The Office Action admits that Patterson does not disclose or suggest sending document information formed by bitmap data. However, the Office Action asserts that Ewing discloses sending bitmap data. Applicants respectfully submit that Patterson and Ewing, individually or in combination, do not disclose or suggest sending document information which is divided into a plurality of pages, wherein the receiving apparatus comprises a referring device for referring to page information corresponding to the document information, as recited in claim 1.

Ewing discloses transferring bitmap data between a host computer and a display device. See Fig. 1, lines 33-40. Nowhere does Ewing disclose or suggest sending document information which is divided into a plurality of pages, wherein the receiving apparatus comprises a referring device for referring to page information corresponding to the document information, as recited in claim 1. Therefore, Ewing does not supply the subject matter lacking in Patterson.

For at least the above reasons, Patterson and Ewing, individually or in combination, do not disclose, suggest or render obvious the subject matter recited in claim 1, and claims 3 and 10 depending therefrom. Withdrawal of the rejection of claims 3 and 10 under 35 U.S.C. §103(a) is respectfully requested.

The Office Action rejects claims 11 and 27 under 35 U.S.C. §103(a) over Patterson in view of U.S. Patent No. 4,473,824 to Claytor. This rejection is respectfully traversed.

The Office Action admits that Patterson does not disclose or suggest a power control device for powering down the receiving device. However, the Office Action asserts that Claytor discloses a power control device for powering down the receiving device. Applicants respectfully submit that Patterson and Claytor, individually or in combination, do not disclose or suggest sending document information which is divided into a plurality of pages, wherein the receiving apparatus comprises a referring device for referring to page information corresponding to the document information, as recited in claims 1 and 25.

Claytor discloses a price quotation system for conveying quotations of interest to the financial community. See col. 2, lines 28-53. Claytor discloses a receiver 20 which has alphabetical keys 134, numerical keys 136, mathematical function keys 138, spatial designator keys 140, and enter and clear keys 142. See Fig. 4 and col. 11, lines 26-29. The spatial designator keys 140 are used to designate preferred stocks. See col. 11, lines 55-57. Nowhere does Claytor disclose or suggest sending document information which is divided

into a plurality of pages, wherein the receiving apparatus comprises a referring device for referring to page information corresponding to the document information, as recited in claims 1 and 25. Therefore, Claytor does not supply the subject matter lacking in Patterson.

For at least the above reasons, Patterson and Claytor, individually or in combination, do not disclose or suggest the subject matter recited in claims 1 and 25, and claims 11 and 27 depending therefrom. Withdrawal of the rejection of claims 11 and 27 under 35 U.S.C. §103(a) is respectfully requested.

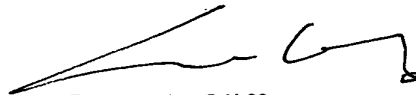
The Office Action objects to claim 21. Claim 21 is rewritten into independent form, incorporating all limitations of its base claim and any intervening claims. Therefore, claim 21 is placed in condition for allowance. Withdrawal of the objection to claim 21 is respectfully solicited.

New claims 28 and 29 are believed to be patentable.

In view of the foregoing amendments and remarks, Applicants submit that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 1-29 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in better condition for allowance, the Examiner is invited to contact Applicants' undersigned representative at the telephone number set forth below.

Respectfully submitted,



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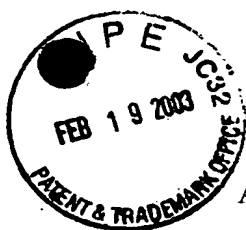
JAO:GL/hs

Attachment:
Appendix

Date: February 19, 2003

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<p>DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>
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APPENDIX

Changes to Claims:

Claims 28 and 29 are added.

The following is a marked-up version of the amended claims:

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1. (Amended) A document information communicating system comprising: a sending apparatus for sending document information which is divided into a plurality of pages; and a receiving apparatus for receiving said document information and displaying said received document information,

 said sending apparatus comprising a sending device for repeatedly sending said plurality of pages of said document information,

 said receiving apparatus comprising:

a referring device for referring to page information corresponding to the document information;

a selecting device, when the referring device recognizes that at least one page of the document information should be received, for selecting at least one the page from said plurality of pages of the document information;

 a receiving device for receiving said selected page of said document information;

 a display device having a display panel which allows a whole of one page of said document information to be displayed thereon at a time; and

 a display control device for displaying said document information received by said receiving device on said display panel.

21. (Amended) A document information communicating system comprising: a sending apparatus for sending document information which is divided into a plurality of

pages; and a receiving apparatus for receiving said document information and displaying said received document information.

said sending apparatus comprising a sending device for repeatedly sending said plurality of pages of said document information.

said receiving apparatus comprising:

a selecting device for selecting at least one page from said plurality of pages of the document information;

a receiving device for receiving said selected page of said document information;

a display device having a display panel which allows a whole of one page of said document information to be displayed thereon at a time; and

a display control device for displaying said document information received by said receiving device on said display panel.~~A document information communicating system according to Claim 1, wherein~~

said sending device comprises:

a communication signal generating device for generating a communication signal including said document information;

a spreading device for spreading said communication signal by using a spreading sequence; and

a communication signal sending device for sending said spread communication signal, and

said receiving device comprises:

a communication signal receiving device for receiving said spread communication signal;

an inputting device for inputting a password;

a spreading sequence generating device for generating said spreading sequence by using said input password;

a despreding device for despreding said received communication signal by using said spreading sequence generated by said spreading sequence generating device; and

a an extracting device for extracting said document information from said despread communication signal.

25.____ (Amended) A document information receiving apparatus for receiving document information which is divided into a plurality of pages and displaying said received document information, said document information receiving apparatus comprising:

a referring device for referring to page information corresponding to the document information;

a receiving device, when the referring device recognizes that one page of the document information should be received, for receiving the one page of said document information;

a display device having a display panel, a size of said display panel corresponding to a size of one page of said document information; and

a display control device for displaying said received one page of said document information on said display panel.